UNIVERSITÀ DEGLI STUDI DI MILANO

TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO   **ID CODE 4639**

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Dipartimento di**

Filosofia "Piero Martinetti"

Scientist- in – charge: **Prof. D'Agostino Marcello – Prof. Hosni Hykel –**

Prof. Primiero Giuseppe

Alfredo Roque de Oliveira Freire Filho

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	De Oliveira Freire Filho
Name	Alfredo Roque
Date of birth	[23, 04, 1990]

PRESENT OCCUPATION

Appointment	Structure
Post-doc	Full-time at the department of Mathematics at the University of São Paulo.

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Computer Engineer	Aeronautic Institute of Technology	2013
Degree	Philosophy	University of Southern Santa Catarina	2016
Specialization			
PhD	Philosophy	University of Campinas	2019
Master			
Degree of medical specialization			
Degree of European			

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specialization			
Other			

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
Potuguese	Native
English	Proficient

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2020	Research Grant in Logic and Computability – Modal Institute.
2018	Visiting Scholar Grant – FAPESP, Graduate Center, City University of New York.
2014	Doctoral Graduate Fellowship – FAPESP, University of Campinas.
2009	First place in the admission process to the air-force academy.
2008	Silver Medal - Brazilian Olympiad of Mathematics.
2007	Bronze Medal - Brazilian Olympiad of Mathematics.
2006	Silver Medal - Brazilian Olympiad of Mathematics.
2006	Gold Medal - Brazilian Olympiad of Mathematics (Regional phase).
2006	Gold Medal - Brazilian Olympiad of Physics (Regional phase).
2006	Bronze Medal - Brazilian Olympiad of Physics.
2005	Gold Medal - Brazilian Olympiad of Mathematics (Regional phase).
2005	Gold Medal - Brazilian Olympiad of Physics (Regional phase).
2004	Bronze Medal - Brazilian Olympiad of Mathematics.

TRAINING OR RESEARCH ACTIVITY

I am currently executing a project in mathematical interpretability at the mathematics department of the University of São Paulo.

PROJECT ACTIVITY

Year	Project
2020	Project on Interpretability in foundations of mathematics (Supervisor: Hugo Mariano)
2020	Using artificial inteligence to the traditional cable routing problem (Supervisor: Walter Carnielli)
2018	Project on bi-interpretations in weak set theories (Supervisor: Joel Hamkins)
2014	PhD project in ontology of mathematical theories (Supervisor: Walter Carnielli)

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
2020	Unreducible features of set theory.	University of Campinas, São Paulo
2020	Bi-interpretation in weak set theories	UFBA logic week - Salvador, Bahia (Invited Speaker, conference)
2019	Bi-interpretations in set theories	Campinas, São Paulo
2018	The relativity of the satisfiability relation: how to deal with it.	Catholic University of Louvain, Belgium
2018	Ontological Reductions of First Order Models	Graduate Center CUNY (Philosophy)
2018	On bi-interpretations in Set Theory that preserve isomorphism	Graduate Center CUNY (Mathematics)
2017	No translation method between first order theories is ontologicaly neutral.	Catholic University of Louvain, Belgium
2017	On the Translation Sense of Relative Consistency Proofs and Its Relation to Ontological Commitment.	Logica - Czech Republic
2017	A técnica finitária do teorema de Herbrand como aprofundamento da descrição dos sistemas de primeira ordem.	UFBA logic week - Salvador, Bahia
2016	Conjuntos versus Classes: Demonstrabilidade, Expressividade e comprometimento ontológico	XVII National meeting ANPOF
2016	Tradução ontológica entre teorias: estudo da equiconsistência entre NBG e ZF	UFBA logic week - Salvador, Bahia
2015	Foundations of infinitary and finitary proofs	Universal Logic (Istanbul)

	in the context of metatheories.	

PUBLICATIONS

Books

Articles in reviews
Freire, A. R. Translating non interpretable theories. South America Journal of Logic, 2020.
Freire, A. R. & Freire, R. A.The Ontological Import of Adding Proper Classes. Manuscrito, 2019.
Freire, A. R. Review on "Significance of the New Logic" by Quine. Axioms, 2019.
Freire R. A. and Hamkins, J. D. Bi-interpretation in weak set theories. Accepted: Journal Of Symbolic Logic.
Freire A. R. Does set theory really ground arithmetic truth? (under review)

Congress proceedings
Freire, A. R. On What Counts as a Translation. The Logica Yearbook, 2018.

OTHER INFORMATION

Reviewer of: Journal of Applied Non-Classical Logics, 2019 and Journal of Applied Logics, 2020.
Member of organizing committee XVI Trends in Logic. 2016.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: _São José dos Campos_ , _01/09/2020_

SIGNATURE

Alfredo Roque Freire

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